

CLAIMS

What is claimed is:

5 1. A method for operating a radio remote control system having a transmitting unit and a receiving unit, comprising:

 following the termination of a radio connection between the transmitting unit and the receiving unit, modifying at least one transmitting or receiving parameter of the transmitting unit or the receiving unit with respect to a standard value in such a way that the establishment of a new radio connection is only possible if the distance between the transmitting unit and the receiving unit does not exceed a
15 predetermined value; and

 following the establishment of a new radio contact with the modified parameter in effect, resetting the respective parameter to the standard value.

20 2. The method in accordance with claim 1, wherein a radio connection is established to transmit information composed of a sequence of packets each having a section with a defined bit sequence for testing purposes, and one of said steps of modifying and resetting takes place in response to
25 correspondence or noncorrespondence of a received bit sequence with a predetermined test bit sequence.

3. The method in accordance with claim 1, wherein
the at least one parameter is the transmitting output of the
transmitting unit or the receiving sensitivity of the
5 receiving unit.

4. The method in accordance with claim 3, wherein
the parameter is the amplification of an amplification stage
of the transmitting unit.

10 5. The method in accordance with claim 3, wherein
the parameter is the receiving sensitivity of the receiving
unit and said steps of modifying and resetting comprise
switching a switchable attenuation member of the receiving
15 unit.

6. The method in accordance with claim 5, wherein
said step of modifying comprises reducing the transmission
output of the transmitting unit or the receiving sensitivity
20 of the receiving unit when the transmitting output of the
transmitting unit during an existing radio connection falls
below a first switching threshold (S1) over a defined period
of time.

25 7. The method in accordance with claim 5, wherein
said step of resetting comprising restoring the transmission

output of the transmitting unit or the receiving sensitivity of the receiving unit to the standard value when the power of a signal received by the receiving unit from the transmitting unit exceeds a second switching threshold (S2).